HP TouchSmart IQ770 PC
Datasheet

Key features

- AMD Turion™ 64 X2 Dual-Core TL-52[1]
- Genuine Windows Vista™ Home Premium[9]
- 2048MB DDR2 SDRAM system memory
- 320GB hard drive[2]
- Slot-loading SuperMulti DVD burner[3] with LightScribe technology[4]
- Touch enabled 19" diagonal widescreen BrightView LCD
- NVIDIA GeForce Go 7600 graphics card with 256MB dedicated video memory
- Integrated 1.3-megapixel HP WebCam with built-in array microphone
- HP SmartCenter Button to launch interactive mode with one touch
- NTSC TV tuner and over-the-air ATSC high-definition television tuner
- Wireless keyboard and mouse, stylus, and Media Center Remote Control
- 24 x 7 toll-free phone support and 1-year HP limited warranty[5]

*HP Total Care is a J.D. Power and Associates Certified Technology Service and Support Center, recognized for consistently providing "An Outstanding Customer Service Experience." **

Your life at your fingertips
The HP TouchSmart PC is a full-featured desktop PC with an integrated touch-enabled 19" diagonal widescreen BrightView LCD. The product introduces the touch experience to desktop computing and provides fast, easy access to information, communication, and entertainment. It's designed to fit wherever life happens: in the kitchen, family room, or living room. With one touch you can check the weather, check your e-mail, or watch your favorite show.[6] It's your life at your fingertips. Some of the bundled programs and special features designed to enhance your PC experience include:

- HP SmartCenter—provides one-touch access to your customizable page of quick links and favorite applications.
- HP SmartCalendar—allows you to quickly and easily maintain your family's schedule, manage events, and leave personal written messages—even view the calendar when you're not at home.
- HP Photosmart Touch—allows you to upload, manage, edit, and print your digital memories. An integrated printer station with convenient ports lets you connect a compatible Photosmart portable printer for on-the-spot photo printing.[7]

Entertainment at your fingertips
The HP TouchSmart PC also provides one-touch entertainment options, including digital photos, radio, TV, movies, digital music, and the Web.[6] Enjoy dazzling images on the 19" diagonal widescreen BrightView LCD.

- An integrated personal video recorder (PVR) lets you play, pause, rewind, and record live TV—perfect for watching cooking shows in the kitchen or keeping up with your favorite series.
- Use the included remote control or touch screen to quickly and easily access music, movies, photos, TV shows, or radio programs.
- Adjust the display to the viewing height and angle most comfortable for you.
- Integrated high-performance speakers provide a great audio experience.

Protection right out of the box
Pre-installed security software helps protect you from viruses, spam, spyware, and other online threats, right out of the box.

Windows Vista™ Home Premium
The highly anticipated release of the Windows Vista™ Home Premium operating system marks the start of a new era in computing comfort and confidence for consumers. In addition to innovations in security, reliability, and organizing and finding information, users will find that the HP TouchSmart PC includes all the necessary hardware to enjoy the full Windows Vista™ Home Premium experience, including the new Windows® Aero™ user interface and Flip 3D. These intuitive tools and impressive graphics make personal computing more manageable and visually appealing

Award-winning support
HP stands behind our products and protects your investment with award-winning service and support available around the clock by phone, e-mail, and online—whichever you prefer.[5]

- HP Total Care offers expert assistance 24 x 7:
  - o Toll-free telephone support at 1.800.HP INVENT (1.800.474.6836) in English and Spanish in the United States or English and French in Canada
  - o Real-time online chat at www.hp.com/support
  - o E-mail, usually answered within one hour
- A desktop icon offers one-click access to online technical support, troubleshooting, and downloads at www.hp.com/support.

Fits into your life
The space-saving, clutter-free design of the HP TouchSmart PC fits almost anywhere in your home. Its keyboard and mouse are wireless. Its display is integrated with the PC base. Simply connect a few cables—power, network, and cable TV—and your HP TouchSmart PC is ready to use.

- The low-profile wireless keyboard stores in its own hideaway bay when not in use.
- An optional HP Photosmart portable photo printer installed in the printer station at the back can print photos and deliver them right at the base of the HP TouchSmart PC, under the screen.[7]
- Wireless LAN and Bluetooth® technology offer more opportunities to minimize the number of cables.[8]

[1]Dual Core is a new technology designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. [2]1GB = 1 billion bytes when referring to hard drive capacity; actual formatted capacity is less. Up to 8GB of hard drive space is reserved for system recovery software.[3]DVD-RAM cannot read or write to 2.6GB single-sided or 5.2GB double-sided version 1.0 media. Does not permit copying of commercially available DVD movies or other copyright-protected materials. Intended for creation and storage of your original material and other lawful uses. [4]LightScribe creates a grayscale image similar to a black-and-white photograph. LightScribe media required; sold separately. [5]One-year limited hardware warranty and software technical support for 90 days from date of purchase. [6]Internet access required; sold separately. [7]Printer sold separately. [8]Wireless access point required and is not included. Wireless Internet use requires a separately purchased Internet service contract. [9]See page two footnote. * J.D. Power and Associates Certified Technology Service and Support Program℠, developed in conjunction with the Service & Support Professionals Association (SSPA). For more information, visit www.jdpower.com or thesspa.com.

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Specifications

Processor	• AMD LIVE!™ Made to Bring It All Together AMD Turion™ 64 X2 Dual-Core TL-52 with AMD PowerNow!™ Technology[a]
Processor Speed	• 1.6 GHz[a]
Cache (L2)	• 512KBx2
Bus Speed	• 1600MT/s system bus
Chipset	• nVidia GeForce Go 6100 / nForce Go 430
Memory	• 2048MB PC2-4200 DDR2 SDRAM memory (2x1024MB for ultimate performance) (expandable up to 4GB)
Hard Drive	• 320GB 7200RPM Serial ATA hard drive[c]
Expandable Drive Bay	• HP Pocket Media Drive bay[y]
Optical Drive(s)	• Slot-load SuperMulti DVD Burner with LightScribe Technology; 8x DVD±R, 8x DVD+RW, 6x DVD-RW, 6x DVD+R DL, 4x DVD-R DL, 5x DVD-RAM, 8x DVD-ROM, 24x CDR, 24x CDRW, 24x CD-ROM[d]
Video Graphics	• NVIDIA GeForce Go 7600 graphics card with 256MB video memory (Up to 528MB Total Available Graphics memory as allocated by Windows Vista™.)
Wireless Access	• Wireless LAN (802.11a/b/g) with built-in WLAN antenna[w] • Bluetooth
Network Interface	• Integrated 10/100/1000 Gigabit Ethernet network interface
Sound	• Integrated audio, 6 speaker configurable • Built-in 12W 2.0 Speakers
Monitor	• Touch-enabled 19" diagonal widescreen BrightView LCD with height/tilt adjustment[v] - Native Resolution: 1440 x 900 @ 60 Hz - Contrast Ratio: 850:1 - Brightness: Up to 300 nits - Vertical Viewing Angle: 160 degrees - Horizontal Viewing Angle: 170 degrees - Pixel Pitch: 0.285 mm - Response Time: 5 ms - Viewable Area: 410.4 x 265.5 mm - Aspect Ratio: 16:10
Personal Video Recorder	• NTSC TV tuner and over-the-air ATSC high-definition television tuner[r]
External Ports	• 8-in-1 memory card reader – supports Compact Flash I, Compact Flash II, IBM Microdrive, Secure Digital (SD), MultiMedia Card, Memory Stick, Memory Stick Pro, xD • Built-in printer station, accommodates select HP Photosmart printers[e] • Built-in IR/RF receivers - IR- for remote control - RF- for wireless keyboard/mouse • Front accessible (I/O) ports: - (2) USB, (1) 4-pin 1394, (1) headphone jack, S-Video, Audio (L/R) • Front LED activity lights: - Power ON, recording TV, event reminder, hard drive activity, wireless LAN/Bluetooth indicator, optical drive activity; card reader activity • Side accessible (I/O) ports: - Coaxial TV connection(s) - S-Video, Audio (L/R), Coaxial FM (US only) • Rear accessible (I/O) ports: AC inlet, (4) USB, DC Power connector for HP Photosmart printer, (1) 6-pin 1394, (1) RJ-45, Audio out (support 2.1 or 5.1 channel), 5.1 Digital audio out, mini-VGA, IR out
Remote Control	• HP Media Center remote control with IR (infrared) receiver
Web Camera	• Integrated 1.3 megapixel webcam with built-in array microphone
Memory Slots	• 2 SoDIMM (200-pin, DDR2) (occupied)
Mouse and Keyboard	• HP Low-profile Wireless Keyboard with hide-away bay and numeric keypad • HP Wireless laser mouse
Dimensions	• Unpackaged: 18.88" (l) x 21.77"(w) x 11.37" (d/h) • Packaged: 24"(l) 15" (w) x 20" (d/h)
Weight	• Unpackaged: 38.13lbs • Packaged: 47lbs
Warranty and Support	• **Service Options:** - Hardware: One year parts and labor from date of purchase - Software: 90 day technical toll-free phone assistance - Service Delivery: Customer Replaceable Parts; Return to hp for repair; Authorized Service Provider. For information, visit www.hp.com/support • **Support Options:** - Desktop icon provides one click access to built-in desktop Help and Support Center - Easy, online access to questions, answers and troubleshooting information via www.hp.com/support - Direct, knowledgeable assistance available 24/7 toll-free by phone. • **Extended Service Plans:** You can choose from a variety of Extended Service Plans from HP to meet your individual needs by calling 1-866-234-1377 or by going to www.hp.com/go/totalcare.

Software

Operating System	• Genuine Windows Vista™ Home Premium[i]
TouchSmart Software	• HP SmartCenter: Quick access to information and links to your favorite applications • HP SmartCalendar: Manage your busy family's schedule & stay in touch with voice & text messages
Photo and Video	• HP Photosmart Touch: Upload, Manage, edit and print photos • Roxio Creator – featuring LightScribe Technology: Edit, burn and archive data to DVDs and CDs[h] • muvee autoProducer: Automatically create professional looking home videos and burn to DVD • DVD Play: Watch DVD movies
Productivity	• Microsoft® Works 8: Includes a word processor, spreadsheet, database and calendar • Adobe® Reader 7.0: Read and print PDF files • HP Total Care Advisor: Customizable desktop tool provides support, system health and shopping information
PC Security	• Norton Internet Security 2007: Protect your PC out of the box (60 days of complimentary live updates)[f]
Online Services	• **Easy sign-up to major dial-up and broadband Internet Service Providers:**[e] - AOL High Speed (offer included) - EarthLink High Speed (offer included) - High Speed Internet Services Comparison Shopping

Visit www.hp.com/go/touchsmart for more details

[a]Speeds listed for AMD Turion™ 64 Processors are maximum performance levels on AC power. This system requires a separately purchased 64-bit operating system and 64-bit software products to take advantage of the 64-bit processing capabilities of the AMD Turion™ 64 X2 Dual-Core TL-52 processor. Given the wide range of software applications available, performance of a system including a 64-bit operating system will vary.

[c]For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 10GB of memory is reserved for the system recovery software.

[d]Actual speeds may vary. Does not permit copying of commercially available DVD movies or other copyright-protected materials. Intended only for creation and storage of original material and other lawful uses. Double Layer is a new technology. Double Layer media compatibility will widely vary with some home DVD players and DVD-ROM drives. LightScribe creates a grayscale image similar to black and white photography. LightScribe media required and sold separately.

[e] Printer sold separately.

[f]Internet access required. First 60 days included; subscription required for live updates afterwards.

[h]Intended for your original content and other lawful uses.

[i]Certain Windows Vista product features require advanced or additional hardware. See http://www.microsoft.com/windowsvista/getready/hardwarereqs.mspx and http://www.microsoft.com/windowsvista/getready/capable.mspx for details. Windows Vista Upgrade Advisor can help you determine which features of Windows Vista will run on your computer. To download the tool, visit www.windowsvista.com/upgradeadvisor.

[r]ATSC high-definition (HD) source content varies and will depend on broadcast signal, antenna, and other factors. In cities where local off-air HD programs are available, reception may vary based on geographic location. An external over-the-air antenna that receives UHF and VHF signals is required for ATSC reception. Viewing HD content will require a compatible high-definition display. Ability to record, edit, or transfer broadcast content such as TV programming may be limited depending on the type of content.

[e]Internet access requires payment of additional fees or subscription for use. Offer does not include local telephone company charges, if any, or applicable taxes. Any long distance charges incurred will be the responsibility of the customer. Please make sure your access number is local. A valid credit card is required to initiate the service. This offer valid in the U.S.A. only. Additional terms and conditions may apply, see AOL offer for details.

[v]All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

[w]Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use requires separately purchased Internet service contract.

[x]HP Personal Media Drive sold separately.

[y]HP Pocket Media Drive sold separately.

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